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INTRODUCTION

The GameChanger ESPN Remote Control is designed to remotely operate up to four home entertainment devices. It also features intuitive and easy-to-use keys for instant control of DVD and PVR (or DVR) components. Moreover, its sophisticated technology will allow you to consolidate your original home entertainment remote controls into one easy-to-use product. Advanced features include:

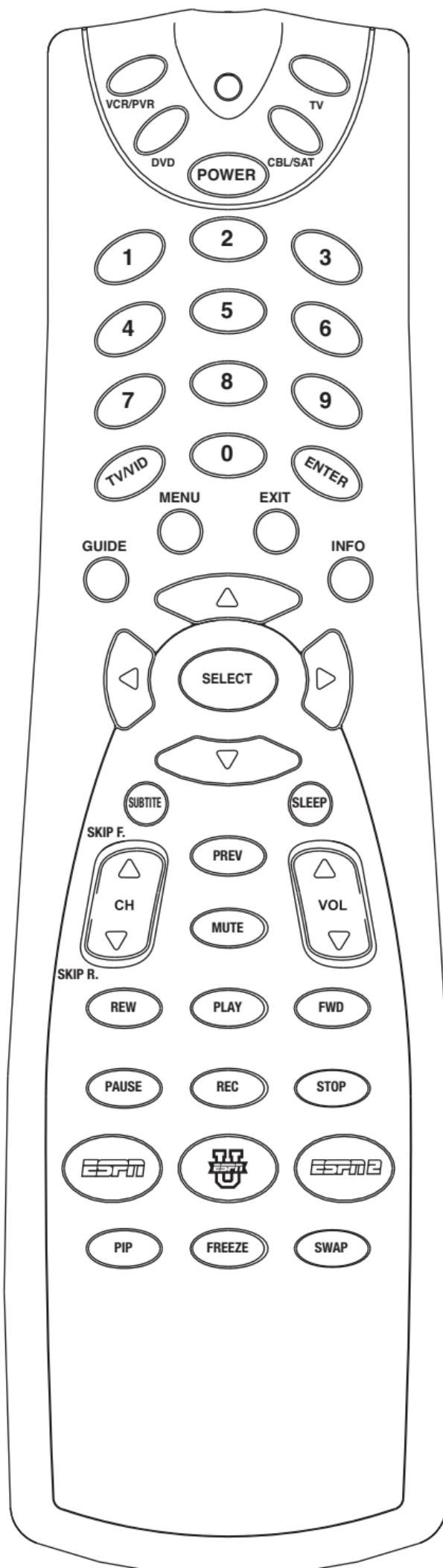
- Three ESPN (ESPN, ESPN2, EPSNU) channel keys, to be programmed by the user.
- Intuitive buttons to allow easy access to functions and menus on your DVD player, PVR (or DVR), and Cable/Satellite devices
- Direct code setup for easy device programming
- *Step-and-Set* code search and *Code Verification* for an alternate way to program devices
- Extensive code library for popular video devices including DVD players and PVRs (or DVRs)

The GameChanger ESPN Remote Control requires two (2) new AAA alkaline batteries (not included) and some easy programming to control your devices. For best results, please read and perform all instructions listed here. Also, keep this guide for future reference.

FEATURES AND FUNCTIONS

Use the illustration below to locate features on the GameChanger ESPN Remote Control and then study the *Key Charts* (on the next two pages) to learn how they function.

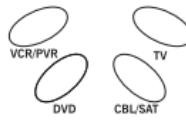
To find out what type of devices can be controlled by each device key after programming, see the *Device Table* on page 6.



Key Charts



When the **LED** (red light) blinks, the remote control is working and (after programming) is sending signals.



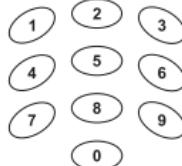
Press **VCR/PVR, DVD, CBL/SAT**, or **TV** once to select a desired home entertainment device to control.
Also see the *Device Table* on page 6.



Use **ESPN, ESPNU, ESPN2** to program the ESPN channels (or another favorite channel)



Press **POWER** once to turn on or off the selected device.
Use the keypad (**1 ~ 9** and **0**) to directly select channels (e.g., **009** or **031**).



Use **TV/VID** to switch the TV's input to view TV or video programs.



Press **ENTER** once after entering the channel numbers on some TVs.



Use **GUIDE** to display your selected device's program guide or setup menu.



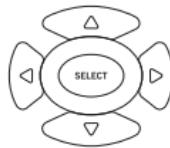
Press **MENU** once to display your selected device's main menu.



Use **EXIT** to exit from your selected device's guide or menu.



Use **INFO** to display the current channel and program or on-screen directory.



Use the **Cursor Keys** to move the cursor in the program guide and menu screens.

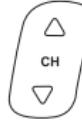
Use **SELECT** (OK) to choose options from your selected device's menu or guide.



Press **SUBTITLE** once to display (or turn off) subtitles or closed captions, if available on your DVD player or cable/satellite service.



Use **SLEEP** to set the sleep timer on a selected device if equipped with this feature.



Use **CH ▲** (or **CH ▼**) to select the next higher (or lower) channel.



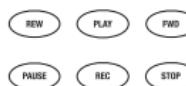
Press **PREV** returns device to the previously selected channel.



Press **MUTE** once to turn the sound off or on.



Use **VOL ▲** (or **VOL ▼**) to raise (or lower) the sound volume.



Use **REW, PLAY, FWD, PAUSE, or STOP** to control your VCR, PVR (or DVR), or DVD player.
Press **REC** once to record a VCR or PVR (or DVR) program.



For a DVD player, use **SKIP F.** or **SKIP R.** to view the next or previous chapter.



PIP Used for Picture in Picture functions.

Use **PIP** to switch the Picture-In-Picture on or off (if available on your TV or cable service)

Use **SWAP** to switch images and sound between the main and window pictures (if available on your TV or cable service)

Use **FREEZE** to hold the current image still on the screen. Press again to resume the action.

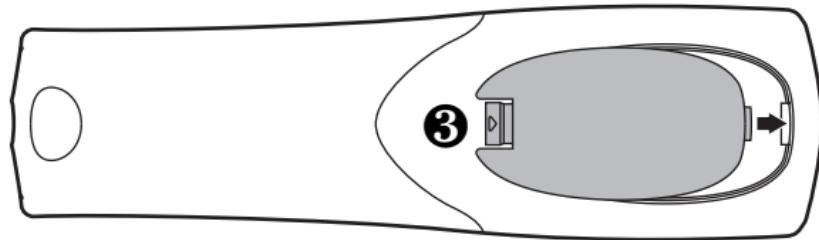
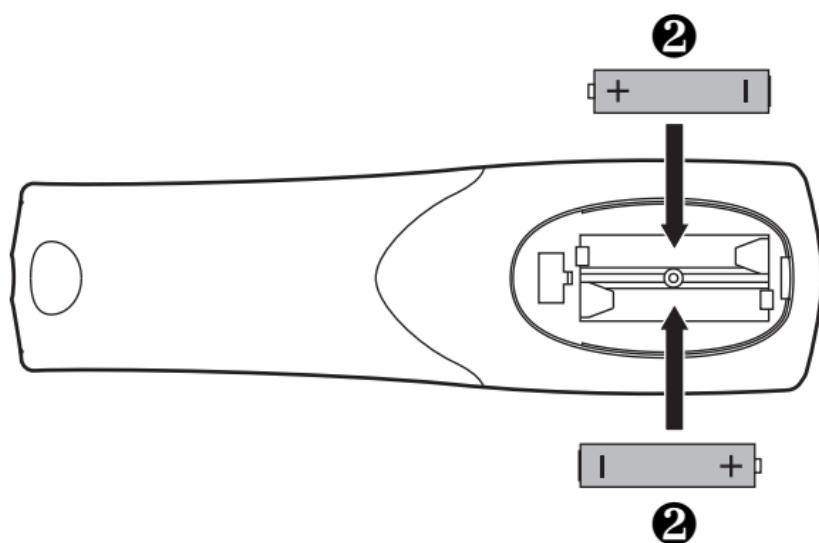
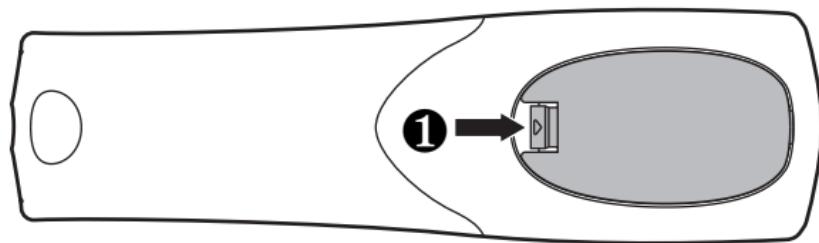
Device Table

NOTE: Please refer to the table below when performing the instructions in "Programming Device Control" on page 8.

After programming, the ESPN College Remote Control will be able to control the following types of devices:

DEVICE KEY	CONTROLS THESE TYPES OF DEVICES
	<ul style="list-style-type: none">• DVD Player• TV/DVD Player Combo• VCR/DVD Player Combo
	<ul style="list-style-type: none">• VCR• TV/VCR Combo• TV/VCR/DVD Player Combo• VCR/DVD Player Combo• PVR (or DVR)
	<ul style="list-style-type: none">• Cable Box (or Converter)• Cable Box/PVR (or DVR) Combo• Satellite Receiver• Satellite Reciver/PVR (or DVR) Combo
	<ul style="list-style-type: none">• Television

INSTALLING BATTERIES



1. On the remote control's back, push the tab and lift off the battery cover.
2. Obtain two (2) new AAA alkaline batteries. Match the + and – marks on the batteries to the + and – marks in the battery case, then insert the new batteries.
3. Press the battery cover back into place. The tab should click when the cover is locked.
4. Test the remote control by pressing any mode key (e.g., TV). If the batteries are inserted correctly, the LED (red light) will blink.

***IMPORTANT:** When batteries need replacement, the remote control will stop operating. Remove the old batteries and insert new ones within 10 minutes to ensure all of your programming information is restored.*

PROGRAMMING DEVICE CONTROL

The GameChanger ESPN Remote Control is easy to program - just locate your device's manufacturer code(s), on page 13-19, then follow steps 1 through 5 below for each device.

Alternately, you can use Power Scan Programming (on page 9). This method is more time consuming, however, you are not required to look up each device's code.

To program any device:

1. Turn on a desired device (TV, DVD player, etc.), Locate your brand's manufacturer code(s) on Pages 13-19.
2.  Press and hold (for more than three seconds) the key for the device the user wishes to program.
3. Release the key. The LED comes ON, indicating that the Remote is ready to accept a 3-digit brand code.
4. Within 30 seconds, enter the 3-digit brand code corresponding to the device. The LED goes OFF, indicating that the Remote is programmed successfully.
5.  With the device still powered on, try operating the device functions. If the device responds as expected, no further programming is required. If the device does not respond, repeat the above steps with the next code.
6. Repeat steps 1 through 5 for each device you want to control. For future reference, write down each working device code in the following boxes:

VCR/PVR Code:

Device Type: _____

DVD Code:

Device Type: _____

CBL/SAT Code:

Device Type: _____

TV Code:

Device Type: _____

PROGRAMMING ESPN KEYS

In the **TV** or **CBL/SAT** mode, you can program the **ESPN channel (or another Favorite channel)** onto the **ESPN** keys.

Programming the **ESPN key for TV**:

1.  Press and hold device key **TV** for 3 seconds.
2.  Enter the code that represents the ESPN key the user wishes to program (ESPN=001, ESPN2=002, ESPNU=003).
3. Enter the applicable ESPN channel number (e.g., 3-8 for channel 38)
4.  Press the **TV** key or Enter key to end the setup process.

Programming the **ESPN key for CBL/SAT**:

1.  Press and hold device key **CBL/SAT** for 3 seconds.
2.  Enter the code that represents the ESPN key the user wishes to program (ESPN=001, ESPN2=002, ESPNU=003).
3. Enter the ESPN channel number (e.g., 3-8 for channel 38).
4.  Press the **CBL/SAT** key or Enter key to end the setup process.

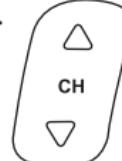
If an error occurs during programming, the LED will flash 4 times slowly.

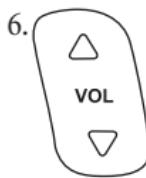
Repeat steps 1 through 4 for each ESPN key you want to program.

POWER SCAN PROGRAMMING

With power scan programming, the Remote tests all the codes available in the codeset database and assigns the correct one for the selected device.

Although this method is more time consuming, it saves the user the trouble of looking up the brand codes necessary for manual programming.

1. Manually turn OFF the device the user wish to power scan (TV, PVR/DVR, VCR, DVD, , satellite or cable box).
2. For more than three seconds, press and hold the appropriate device key. The LED comes ON, indicating that the Remote is in programming mode.
3.  Press and release the **POWER** key. The LED blinks once and stays ON, indicating that the Remote is in the power scan state.
4.  Press **CH▲** or **CH▼** key repeatedly until the device switches ON (CH+ key conducts a upward search while the CH- key conducts a downward search in the codeset database).
5.  When the device turns ON, press and release the **SELECT** key to program the remote with the new code and exit. To exit without programming, press the **EXIT** key.



6. Press any other operable key (**VOL +/VOL -**). If the device responds, no further programming is required. If the device does not respond repeat steps 1 through 5.

To ensure that the searched code is correct for the device, the user can enter into codeset test mode while the Remote Control is in the power scan state:

1.  Press the device key for which power scan is performed. The LED blinks once and goes OFF, indicating that the Remote Control is in the codeset test mode.

2.  Switch ON the device.

3.  Press the device key again to exit codeset test mode. The LED comes ON, indicating that the Remote has returned to the power scan state.

The Remote exits from the codeset test mode after thirty seconds if no other operation is performed.

4.  Press the **SELECT** key to program the Remote with the new code and exit the power scan state. To exit without programming, press the **EXIT** key.

PUNCH-THROUGH FEATURES

The Remote provides two punch-through features that allow users to control TV volume and DVD operation while the remote is in a different device mode.

Volume Punch-Through

The TV Volume/Mute punch-through feature allows the user to control the volume and mute function of TV while the remote is in another device mode. The feature is applicable for all devices and brands that do not use the volume control buttons for other purposes.

Transport Key Punch-Through

The DVD transport key punch through feature lets the user control the PLAY, STOP, PAUSE, REWIND, FF and RECORD functions of DVD while the remote operates in other modes. The feature is applicable for all devices and brands that do not use the transport keys for other purposes.

TROUBLESHOOTING

PROBLEM:	LED (red light) does not blink when you press a functional key.
SOLUTION:	Replace batteries with two new AAA alkaline batteries.
PROBLEM:	LED blinks when you press a key, but home entertainment device does not respond.
SOLUTION:	Make sure the remote control is aimed at your home entertainment device and is not farther than 15 feet away.
PROBLEM:	The unit does not control home entertainment devices or commands are not working properly.
SOLUTION:	Try all listed codes for the device brands being set up. Make sure they can be operated with an infrared remote control.
PROBLEM:	Changing channels does not work.
SOLUTION:	If original remote required pressing ENTER or SELECT to change channels, press ENTER or SELECT on this remote after entering the channel number.
PROBLEM:	CH▲ and CH▼ do not work for your RCA TV.
SOLUTION:	Due to RCA design (1983-1987), only the original remote control will operate these functions.

For assistance, please contact us in any of the following ways:

- E-mail: customerservice@GameChangerRemote.com
- Internet: www.GameChangerRemote.com
- Help Line: (248) 203-2989

INSTRUCTIONS TO THE USER

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide a reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase separation between equipment and receiver.
- Connect equipment into an outlet or a circuit different from that to which the receiver is connected.
- Consult dealer or experienced radio/TV technician for help.

LIFETIME WARRANTY

North American Licensing Company (NALC) warrants this product to be free from defects in materials and workmanship, under normal use, throughout the period of the product's ownership by the original purchaser. This warranty does not cover damages or failures caused by products or services not supplied by NALC, or which result from accident, misuses, abuse, neglect, mishandling, misapplication, faulty installation, set-up adjustment, improper maintenance, alteration, maladjustment of consumer controls, modifications, commercial use, or that is attributable to acts of God.

There are no express warranties except as listed above. NALC SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF WARRANTY, ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

To obtain warranty service for a defective product, please return the product, preferably in the original carton, along with your purchase receipt, to the store of original purchase for the first 90 days. A note detailing the complaint would be helpful. The store, at its option, will replace or repair this product if found to be defective.

If the unit has been purchased more than 90 days ago, please return it to North American Licensing Company, LLC 266 Elm Street Birmingham, MI 48009 together with the original receipt and \$4.95 to cover postage and handling. It will be repaired or replaced at the manufacturer's option. The manufacturer reserves the right to substitute a currently manufactured model with equal or superior features.

Phone: (248) 203-2989

June 2009

MANUFACTURER'S CODES

Setup Codes for Cable Boxes

ABC	004, 005, 023, 037
Adelphia	025
Americast	043
Antronix	008, 009
Archer	009
AT&T	030
Bell South	043
Cable Vision	026
Cabletenna	008
Cableview	007
Clearmaster	042
ClearMax	042
Colour Voice	011
Comcast	024, 027, 036
Comtronics	012
Contec	013
Coolmax	042
COX	028
Director	036
Eastern	014
Everquest	038
Focus	041
GC Electronics	009
GE	004
Gemini	038
General Instrument	004, 027, 036
Goldstar	039
Hamlin	015
Hitachi	004
Jasco	038
Jerrold	004, 023, 036, 038
Memorex	016, 037
Motorola	024, 028, 030, 036, 045
Movie Time	017
Multitech	042
NEC	006
NET Brazil	031
NSC	017
Oak	013
Pace	033, 040
Panasonic	020, 022, 037
Paragon	037

Philips	010, 011
Pioneer	018, 033, 039
Popular Mechanics	041
Proscan	004
Pulsar	037
Quasar	037
Radio Shack	038, 042
RCA	007, 022
Realistic	009
Recoton	041
Regal	015
Regency	014
Rembrandt	004
Runco	037
Samsung	018, 039
Scientific Atlanta	025, 030, 032, 033, 035
Signal	038
Signature	004
Sony	026, 044
Sprucer	022
Standard Component	019
Starcom	023, 038
Stargate	038
Starquest	038
Supercable	034
Supermax	042
TIME WARNER	029
Tocom	005
Toshiba	037
Tristar	042
Tusa	038
TV86	017
Unika	008, 009
United Cable	023
Universal	008, 009
V2	042
View Star	013, 017
Viewmaster	042
Vision	042
Vortex View	042
Zenith	021, 037, 043
Zentek	041

Setup Codes for DVD Players

Accele Vision	151
Accurian	210
Advent	189
Akai	177
Alco	187
Allegro	206
Alpine	156
Amphion MediaWorks	157
AMW	157
Apex	038, 002, 029, 049, 062, 096, 201, 202
Apple	183
Arrgo	207
Aspire	191

Astar	154
Audiovox	091, 127, 133, 134, 137, 187
Axion	127
Bang & Olufsen	203
Blaupunkt	150, 202
Blue Parade	199
BOSS	152
Broksonic	065, 213
California Audio Labs	184
CineVision	115, 206
Clarion	160
Coby	030, 077, 135, 190
Curtis Mathes	208

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MANUFACTURER'S CODES

Setup Codes for DVD Players (continued)

CyberHome	000, 207
Cytron	176
Daewoo	059, 206
Denon	026, 071, 104, 184
Desay	166
DiamondVision	182
Disney	044, 128
Durabrand	209
DVD2000	196
Eclipse	141
Emerson	153, 204
Enterprise	204
ESA	158
Funai	153
Gateway	212
GE	045, 197, 202
Go Video	012, 206, 212
Goldstar	094
Gradiente	168, 184
Greenhill	202
Grundig	198
Haier	181
Hitachi	015, 072, 123, 138
Hiteker	201
Ilo	164
Initial	117, 202
Insignia	172
Integra	185, 199
Irradio	098
Jensen	190
JVC	020, 034, 035, 039, 041, 047, 064, 075, 089, 099, 105, 200
Kawasaki	187
Kenwood	184
KLH	060, 170, 187, 202
Koss	083, 186, 193
Landel	211
Lasonic	161
Lenox	192, 209
LG	046, 092, 108, 116, 122, 145, 179, 204, 206
Liquid Video	193
Liteon	087, 132, 210, 212
Magnavox	027, 066, 085, 117, 195, 198
Marantz	146, 198
Memorex	018, 044, 213
Microsoft	197
Mintek	117, 202, 205
Mitsubishi	052, 101, 196
NAD	162
Nesa	202
Next Base	211
Nexxtech	169
Norcent	148
Onkyo	109, 185, 195

Oppo	171, 180
Oritron	186, 193
Panasonic	005, 007, 024, 026, 032, 048, 071, 088, 103, 106, 107, 119, 142, 143, 144, 184, 195
Philips	027, 043, 073, 078, 082, 098, 100, 102, 114, 117, 153, 195, 198
Pioneer	022, 056, 076, 081, 093, 149, 199
Polaroid	038, 140, 175
Polk Audio	198
Presidian	153
Prima	178
Proceed	201
Proscan	025, 197
Pye	174
Qwestar	186
RCA	009, 025, 037, 110, 187, 197, 199, 202
Regent	192
Rio	206
Rotel	200
Rowa	188
Sampo	163
Samsung	010, 012, 015, 021, 023, 028, 050, 051, 054, 057, 069, 084, 112, 126, 131, 136, 184
Sansui	147, 173, 213
Sensory Science	212
Sharp	040, 063, 113
Shinco	150
Shinsonic	194, 205
Sonic Blue	206
Sony	003, 004, 008, 014, 016, 017, 033, 055, 058, 067, 079, 086, 097, 129, 139, 194
Sungale	165
Superscan	066
Sylvania	018, 066, 118, 124, 153
Symphonic	018, 153
Teac	164, 187
Technics	184
Techwood	159
Theta Digital	199
Toshiba	001, 006, 011, 013, 019, 031, 036, 042, 053, 068, 070, 074, 090, 095, 111, 121, 125, 130, 195
Trutech	167
Urban Concepts	195
US Logic	205
Venturer	187
Westinghouse	120
Xbox	197
Yamaha	155, 184, 198
Zenith	046, 061, 080, 094, 195, 204, 206

MANUFACTURER'S CODES

Setup Codes For DVD Player/VCR Combos

Apex	038, 063
Broksonic	065, 036, 213, 062
CineVision	115, 054
Emerson	153, 064
Funai	153, 064
Go Video	012, 021
Goldstar	094, 043
Hitachi	123, 023
Insignia	172, 042
JVC	075, 012, 035, 026, 038, 039, 028, 099, 044, 105
LG	092, 042, 108, 048
Memorex	213, 062
Panasonic	032, 008, 071, 040, 046

Philips	102, 045, 153, 064
Polaroid	175, 055, 038, 063
Presidian	153, 064
Pye	174, 023
RCA	037, 047, 110, 049
Samsung	051, 030, 012, 015, 021, 028, 022, 084, 041
Sansui	173, 053, 213, 062
Sony	008, 010, 017, 018, 033, 029, 031
Sylvania	018, 023, 118, 051, 153, 064
Symphonic	153, 064
Toshiba	068, 037, 006, 039, 011, 014, 031, 025, 006, 027
Zenith	094, 043, 061, 033

Setup Codes for Satellite Receivers

Alphastar	057
Artec	095
CaptiveWorks	089
Chaparral	052
Coolsat	090
Digital Stream	100
DIRECTV	050, 051, 060, 064, 065, 070, 071, 072, 073, 074, 077, 078, 079, 101, 102, 103, 105, 106, 108, 110
Dish Network	046, 047, 048, 049, 104, 107, 109, 113
Dishpro	107, 109, 113
Drake	053
Echostar	104, 107, 109, 113, 114
Expressvu	107, 113, 114
General Instrument	054, 111
GOI	113
Hisense	112
Hitachi	058
HTS	113
Hughes Network Systems	050, 061, 065, 78, 102, 101
Humax	091
Ilo	112
Insignia	098
Jerrold	111
JVC	104, 113
LG	080, 094
Magnavox	096, 110
Memorex	110
MicroGem	097
Mitsubishi	065, 086

Motorola	111
Next Level	111
Panasonic	079, 081, 083
Pansat	087
Paysat	110
Philco	096
Philips	061, 072, 101, 102, 110
Pioneer	102
Primestar	056
Proscan	077, 106
Proton	112
Radio Shack	111
RCA	051, 061, 062, 066, 067, 070, 071, 085, 092, 093, 105
Realistic	055
Samsung	061, 074, 076, 102
Sharp	084
Sony	063, 064, 068, 069, 073, 075, 103, 108
Star Choice	111
STS	059
Tivax	099
Tivo	061, 102
Toshiba	078
UltimateTV	103
Uniden	110
US Digital	112
USDTV	112
Viewsat	088
Voom	111
Zenith	082

Setup Codes for TVs

Abex	023
Acer	185
Admiral	005, 024, 028, 222
Advent	208
Adventura	025
Aiko	012
Akai	006, 049, 174, 184, 188, 196, 215

Albatron	205, 209
Alleron	014
America Action	219
Ampro	207
Amtron	013
Anam	219
Anam National	013

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MANUFACTURER'S CODES

Setup Codes for TVs (continued)

AOC	007, 008, 145, 215	Envision	007, 008, 215.
Apex	035, 091, 217, 223	Epson	148
Astar	175	ESA	218
Audiovox	013, 130, 131, 136, 172, 219, 221	Fujitsu	014, 142
Aventura	218	Funai	013, 014, 218, 219
Axion	197	Futuretech	013, 219
Bang & Olufsen	227	Gateway	159, 191
Belcor	007	GE	004, 007, 008, 015, 016, 030, 055, 084, 216, 221
Bell & Howell	005	Gibralter	007, 214, 215
Benq	163	Go Video	212
Bradford	013, 219	Goldstar	007, 008, 011, 022, 023, 215
Brillian	225	Gradiente	157
Brockwood	007	Grunpy	013, 014, 219
Broksonic	219, 222	Haier	156, 190, 200, 213, 229
bydesign	158	Hallmark	007, 008
Candle	007, 008, 009, 025, 215	Harman/Kardon	128
Carnivale	215	Harvard	013, 219
Carver	128, 230	Havermy	028
CCE	037	Hello Kitty	221
Celebrity	006	Hewlett Packard	125, 137, 143
Celera	223	Hisense	167
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Sansui	194, 147
Sony	139
Sylvania	085, 124, 093, 018
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Magnavox	085, 066, 035
Panasonic	081, 032, 008

Sharp	121, 113, 050
Superscan	085, 066, 035
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Adventura	005
Aiwa	005
Alienware	059
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Apex	063
Asha	002
Audio Dynamics	000
Audiovox	003
Bang & Olufsen	060
Beaumark	002
Bell & Howell	001
Broksonic	036, 062
Calix	003
Candle	002, 003
Canon	004
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Citizen	002, 003
Colortyme	000
Craig	002, 003
Curtis Mathes	000, 002, 004
Cybernex	002
CyberPower	059
Daewoo	005, 024
DBX	000
Dell	059
DiamondVision	056
DIRECTV	058, 065, 069, 073
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Dishpro	072
Durabrand	017

Dynatech	005
EchoStar	072
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Electrophonic	003
Emerson	003, 004, 005, 064
ESA	052
Expressvu	072
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Funai	005, 023, 064
Garrard	005
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Gradiente	005
Harley Davidson	005
Harman/Kardon	000
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Instant Replay	004	Radix 003
JC Penney	000, 001, 002, 003, 004	Randex 003
JCL	004	RCA 002, 004, 007, 047, 049, 058, 065, 073
JVC	000, 001, 012, 026, 028, 038, 044, 065, 072	Realistic 001, 002, 003, 004, 005
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Kodak	003, 004	Ricavision 059
LG	003, 042, 048	Runco 017
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Lloyd's	005	Sanky 017
LXI	003	Sansui 053, 061, 062
Magnavox	004, 016, 017, 035	Sanyo 001, 002, 034
Magnin	003	Sears 001, 003, 004
Marantz	000, 001, 004	Sharp 050
Marta	003	Shogun 002
Matsushita	004	Singer 004
Media Center PC	059	Sonic Blue 057
MEI	004	Sony 006, 009, 010, 011, 018, 029, 031, 059, 066, 070
Memorex	001, 002, 003, 004, 005, 017, 061, 062	Stack 059
MGN Technology	002	STS 004
Microsoft	059	Superscan 035
Mind	059	Sylvania 004, 005, 023, 035, 051, 064
Mitsubishi	013	Symphonic 005, 023, 064
Motorola	004	Systemax 059
MTC	002	Tagar Systems 059
Multitech	002, 005	Tandy 001
NEC	000, 001	Tashiko 003
Nikko	003	Teac 005
Niveus Media	059	Technics 004
Noblex	002	Teknika 003, 004, 005
Northgate	059	Tivo 058, 065, 070
Olympus	004	TMK 002
Optimus	003	Toshiba 014, 019, 020, 025, 027, 037, 039, 059, 071
Orion	061	Totevision 002, 003
Panasonic	004, 008, 040, 046, 057	Touch 059
Philco	004	UltimateTV 073
Philips	004, 016, 045, 058, 064, 065, 067	Unitech 002
Philips Magnavox	016	Vector Research 000
Pilot	003	Video Concepts 000
Polaroid	055, 063	Videosonic 002
Presidian	064	Viewsonic 059
Proscan	032	Voodoo 059
Pulsar	017	Wards 002, 003, 004, 005
Pye	023	White Westinghouse 023
Quarter	001	XR-1000 004, 005
Quartz	001	Yamaha 000, 001
Quasar	004	Zenith 017, 033, 043
Radio Shack	003	ZT Group 059